不论如此是是是**是是是是我们的现在分词,**

DEBAGNICHATERS. R.V.; MARINESKO, 1.M.; SHRISEKS, V.I.; LYASKEN, Mining, Similar, V.I.; DEELSH, S.Ya.

Radiochemical cultrochiorination of kerosine and synthine. Mining row. (MIRA 28:8)

LYASHKO, A.

Specialized enterprises: faster service, lower costs of production.

Obshchestv.pit. no.9:26 S '63. (MIRA 16:12)

1. Zamestitel' nachal'nika upravleniya obshchestvennogo pitaniya Ministerstva torgovli UkrSSR.

AUTHOR: Lyashko, A.D.

SOV/140-58-4-17/30

TITLE:

Un the Generalization of the Method of Galerkin (K obobshcheniyu

metoda Galerkina)

· 1000年1月15日 - 1000年1月1日 -

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 4,

pp 153-160 (USSR)

ABSTRACT:

The paper consists of four parts, the first and the second of which give the proofs for the announcement [Ref 10], while the third and the fourth part contain two examples for the application of the appropriate that it is not a second of th

application of the proposed method. There are 10 Soviet references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina

(Kazan' State University imeni V.I.Ul'yanov-Lenin)

SUBMITTED: December 9, 1957

Card 1/1

AUTHOR:

Lyashko, A.D.

SOV/140-58-6-17/27

TITLE:

On the Convergence of Methods Analogous to the Method of Galerkin

(O skhodimosti metodov, analogichnykh metodu Galerkina)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 6,

pp 176-179 (USSR)

ABSTRACT:

The present paper completes the author's earlier publication [Ref 7]. It is shown that for an application to the same problem the usual method of Galerkin yields a quicker convergence than the combination of the method of Galerkin with the method of the least squares. The combined method, however, yields a better uniform convergence (uniform convergence of the solution and its

first or second derivatives). There are 7 Soviet references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina Kazan' State University imeni V.I.Ul'yanov-Lenin)

SUBMITTED: February 27, 1958

Card 1/1

AUTHOR: Lyashko, A.D.

是是是我们就不**然而是我们的**那么是是我们是我们的,但是是这些人

SOV/20-120-2-4/63

TITLES

On the Convergence of Methods of the Golerkin Type

(O skhodimosti

metodov tipa Galerkina)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol 120, Nr 2, pp 242-244 (USSR)

ABSTRACT:

Let X and Y be Gilbert spaces, let A and K be linear operators of X in Y, let there exist A and let it be bounded. The author considers the solution of the equation

Au + > Ku = v , v EY

according to the method of Galerkin-Petrov [Ref 1] and similar methods. The author proposes a general scheme (joining results of Kantorovich [Ref 3]) for the application of these methods and gives very simple conditions for the convergence of the methods. There are 5 Soviet references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina (Kazan' State University imeni V.I.Ul'yanov-Lenin)

PRESENTED: January 14, 1958, by S. L. Sobolev, Academician

SUBMITTED: January 13, 1958

1. Topology 2. Operators (Mathematics) -- Applications

Card 1/1

LYASHKO, A. D., Candidate of Phys-Math Sci (diss) -- "On the approximate solution of linear problems using methods of the Galerkin type". Kazan', 1959. 7 pp (Kazan' Order of Labor Red Barmer State U im V. I. Ul'yanov-Lenin), 150 copies (KL, No 21, 1959, 111)

sov/140-59-2-30/30 16(1) Lyashko, A.D. AUTHOR:

Letter to the Editor (Pis'mo v redaktsiyu)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1959,

Nr 2, p 275 (USSR)

The author corrects an error in his paper "On the Generalization ABSTRACT:

of the Method of Galerkin" in Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1958, Nr 4, pp 153-160, and he thanks V.V.Morozov who called the author's attention to the error.

Card 1/1

USCOM:1-DC-60,831

CIA-RDP86-00513R001031110008-6" APPROVED FOR RELEASE: 08/31/2001

SOV/20-128-3-9/58

16(1)

Lyashko, A.D.

AUTHOR: TITLE:

Some Versions of the Galerkin-Krylov Method

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 3, pp 468-470 (USSR)

ABSTRACT: In / Ref 37 the author proved the convergence of a projection

method for solving the equation

(1) $Gx - \lambda Tx = y$,

where G and T are linear operators from X into Y; X,Y linear spaces. For the space X he introduced certain metrics. In the present paper the author shows that by introduction of other metrics several variants of the Galerkin method can be obtained. Let $\begin{bmatrix} x_1, x_2 \end{bmatrix}$ be a metric of X. The author particular-

ly investigates the metric

(3) $[x_1, x_2] = (Kx_1, x_2)$,

where K=E (unit operator) or K=G or where K is a B-positive-definite operator / Ref 6/ etc.

The author mentions L.V. Kantorovich, S.G. Mikhlin, N.M. Krylov,

I.K. Daugavet and I.V. Svirskiy.

Card 1/2

Some Versions of the Galerkin-Krylov Method

SOV/20-126-3-9/53

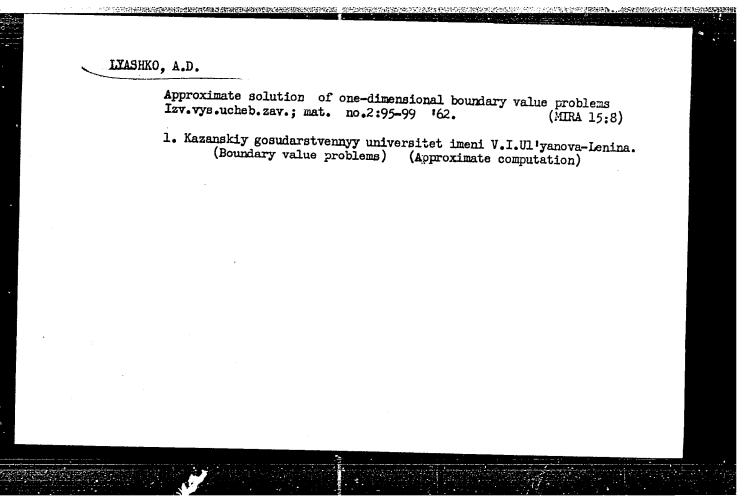
There are 7 Soviet references.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet imeni V.I.Ul'yanova-Lenina (Kazan' State University imeni V.I.Ul'yanov-Lenin)

PRESENTED: May 27, 1959, by S.L. Sobolev, Academician

SUBMITTED: May 23, 1959

Card 2/2



	36923 8/140/62/000/002/004/005 0111/0444	
by the set-w	Lyashko, A. D. On the approximative solution of one-dimensional boundary value problems value problems Vysshiye uchebnyye zavedeniya. Izvestiya. Matematika, vysshiye uchebnyye zavedeniya. Izvestiya. Matematika, no. 2, 1962, 95-99 The equation Gx + \lambda Tx = y g linear operators in H, with G-1 existing, is to be solved ap x _n = \sum_{k=1}^{n} a_k \text{\$\phi\$} \text{\$\phi\$}. If one introduces m+1 spaces X ₁ (i=0,1,)	ţ
Sugar Su		and the second second

8/140/62/000/002/004/005 C111/C444

On the approximative solution of ...

the author shows that with increasing i (from 0 to m) the convergency speed decreases, where against one obtains the possibility to estimate higher and higher derivatives of the solution. These statements follow (under the supposition of the solution possessing an 1-th derivative) in the case of the Cauchy problem from the estimation

$$\left| \frac{d^{i}}{dt^{i}} \left(x^{*} - x_{n}^{(i)} \right) \right| = 0 \left(\frac{1}{n^{1-i}} \right)$$

and in the case of the boundary value problem from

$$\left| \frac{d^{i}}{dt^{i}} (x^{*} - P_{n}(t)) \right| \leqslant \frac{C}{n^{1-i}}$$

where $P_n(t)$ is a polynomial of n-th degree, satisfying (7), and x^* being the rigorous solution of the problem.

Card 3/4

On the approximative solution of ... S/140/62/000/002/004/005 C111/C444

The author mentions: Galerkin, A. Ye. Martynyuk, S. G. Mikhlin, A. L. Fuksman, Krylov, Bunyakovskiy.

ASSOCIATION: Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina (Kazan State University im. V. I. Ul'yanov-Lenin)

SUBMITTED: November 3, 1960

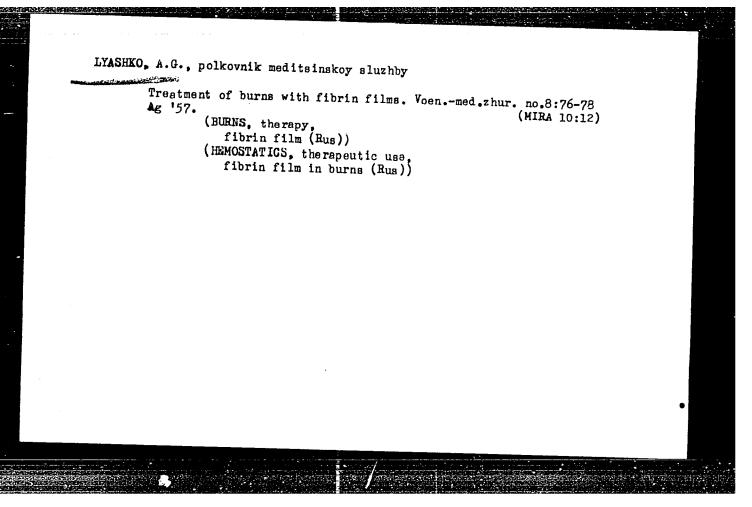
Cerd 4/4

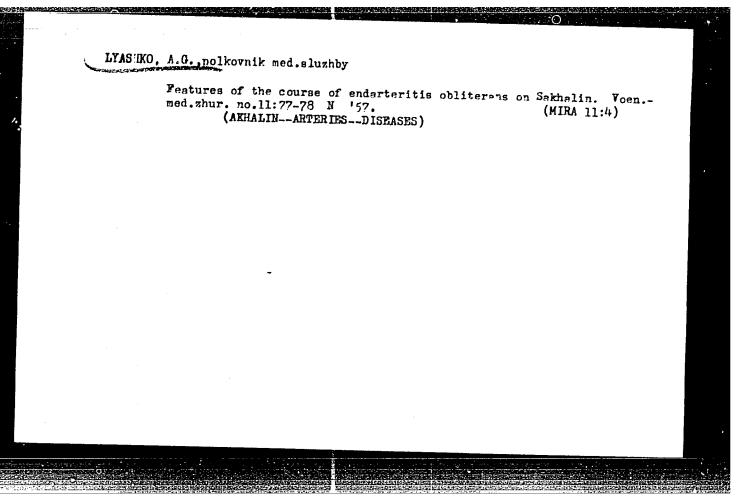
LYASHKO, A. G.

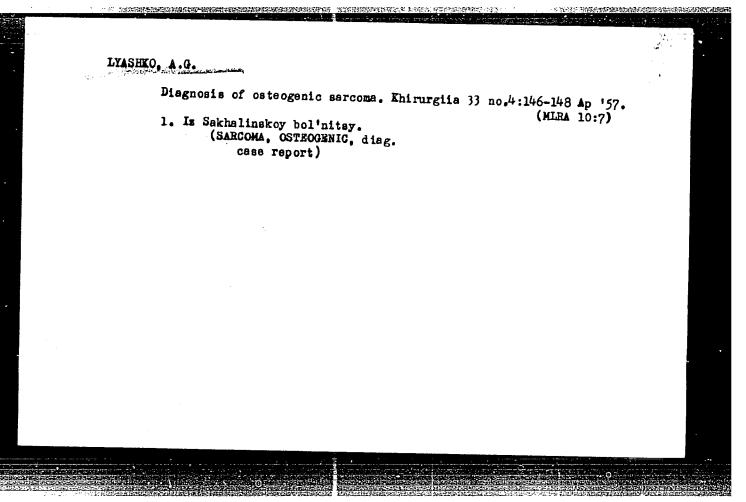
Pericarditis

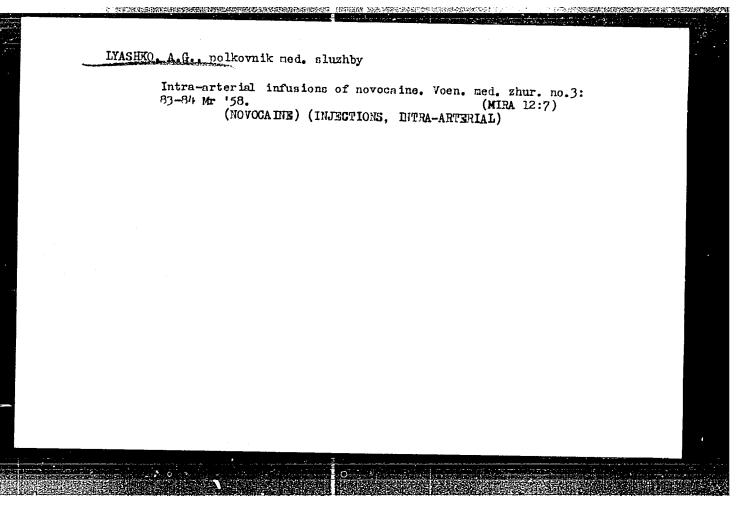
Treatment of suppurative pericarditis. Khirurgiia no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, November, 1952. Unclassified.









SVININ, G.F. [Svynin, H.J.]; SHISHKO, V.I. [Shyshko, V.I.];
(YACHKO, F.I.)

Use of porous glass in filtration. Khim. prom. [Ukr.]
no.4:71-72 C.D.63.

(MIR! 17-6.)

LYASHKO, G.A.

THE COMMEND AND A PROPERTY OF THE PROPERTY OF

Repeated admissions in Leningrad's psychoneurological hospitals. Vop.psikh.i nevr. no.7:403-408 '61. (MIRA 15:8)

1. Iz otdela spetsializirovannoy pomoshchi Ministerstva zdravookhraneniya RSFSR i organizatsionno-metodicheskogo otdela (nauchnyy rukovoditel' doktor med.nauk G.V.Zenevich) Nauchno-issledovatel'skogo psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (dir. B.A.Lebedev).

(LENINGRAD-PSYCHIATRIC HOSPITALS)

FEDOTOV, F.G.; YEVTIKHIYMV, P.I. [deceased]: LYASHKO, I.F., inshener, retsensent; BOKOV, A.I., retsensent; RESHELOV, V.A., retsensent; KABANOV, N.Ya., redaktor; POPOLOV, Ya.N., redaktor izdatel'stva; UVAROVA, A.F., tekhnicheskiy redaktor

[Technical standardization of duplicating and photocopying work]
Tekhnicheskoe normirovanie kopiroval'nykh i svetokopiroval'nykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 86 p.

(Gopying processes)

(Gopying processes)

LYASHKO, I. I.

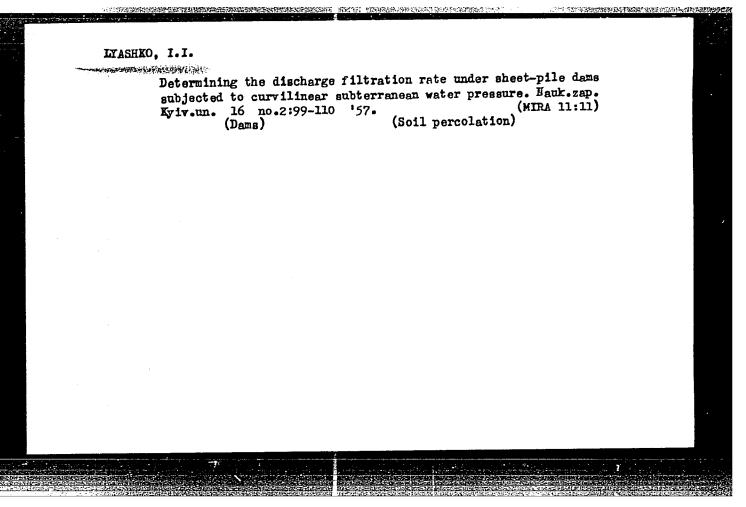
LYASHKO, I. I.: "A solution of the problem of filtration under a multigrooved surface with an arbitrary curvilinear underground hydraulic support". Kiev, 1955. Min Higher Education Ukrainian SSR. Kiev State U imeni T. G. Shevchenko. (Dissertations for the Degree of Candidate of Physicomathematical Sciences.)

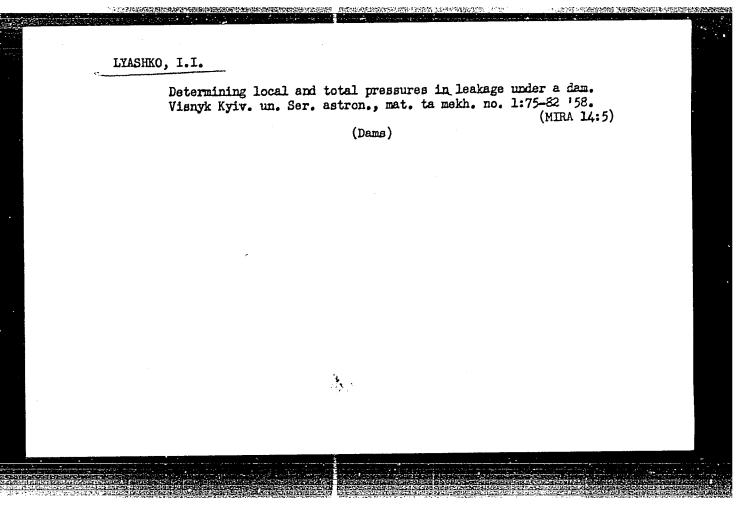
So: Knizhnaya letopis! No. 49, 3 December 1955. Mescow.

LYASHKO, I.I.(Kiiv)

Helation of outlet percolation rates to underground water-resistant layers. Prikl.mekh.2 no.4:438-445 '56. (MIRA 10:3)

1. Kiivs'kiy derzhavniy universitet im. Shevchenka. (Dams) (Soil percolation)





SOV/21--59-3--4/27 AUTHOR: Lyashko, I.I.

· TITLE: On a Case of Filtration from a Canal . Ob odnom slu-

chaye fil'tratsii iz kanala)

PERIODICAL: Dopovidi Akademii nauk Ukrainsikot RSR, 1959, Nr 3,

pp 241-244 (USSR)

By a purely mathematical process, the author examines all pertinent data needed for determining the upper ABSTRACT:

estimates of loss of liquid in a canal by way of filtration through a horizontal chink in the underground water tight barrier of arbitrary shape. He gives three formulae (7-9). The results of calculations under varied conditions are compiled in a table on page 243 wherein Q is amount of lost liquid, c/d are lines bounding the width of the chink (see figure on page 241,, is length of the rabbet at one of the canal's sides a is the width of the canal's bottom. This table is good when T (depth of location of

chink) is equal to 1. Applying the formulae obtain-Card 1/2 ed by the author, it is possible to establish the

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On a Case of Filtration from a Canal

THE REPORT OF THE PROPERTY OF

SOV/21-59-3-4/27

region where geological explorations might be made in a most expedient way, and where they should not be made. The calculations were performed by the method of majorant regions. There are 1 diagram, 1 table and 3 Soviet references.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T.G. Shevchenko (Kiyev State University imeni T.G.

Shevchenko)

PRESENTED:

November 25, 1958, by I.Z. Shtokalo, Member of the

AS UkrSSR

Card 2/2

S/041/60/012/004/004/011 0111/0222

16.7600

AUTHORS: Pakhareva, N.A., and Lyashko, T.I.

TITLE: On the Solution of Filtration Problems by the Method of Majorant Regions

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, 1960, Vol. 12, No. 4, pp. 402 - 411

TEXT: The method of majorant regions due to M.A. Lavrent'yev and M.V. Keldysh and extended by G.N. Polozhiy (Ref. 1,4,5) and others is applied to concrete problems of the plane theory of filtration in homogeneous and heterogeneous media.

To every stationary plane ground-water movement in a homogeneous medium which satisfies the linear law of Darcy, there corresponds a complex potential by which all essential filtration characteristics can be expressed. The rate of filtration v and the consumption of fluid Q by an arbitrary contour in the plane of filtration are given e.g. by

$$\vec{V} = \frac{d\vec{W}}{dz}$$
, $Q = \int_{\vec{L}} \frac{\partial \psi}{\partial s} ds = [\psi]_{\vec{L}}$ where $\vec{W} = \vec{V} + i \psi$ is the

Card 1/4

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S/041/60/012/004/004/011 0111/0222

On the Solution of Filtration Problems by the Method of Majorant Regions

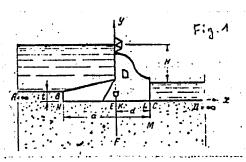
mentioned potential. Since the usual determination of w with the aid of the conformal mapping often causes great difficulties, Polozhiy proposed the construction of auxiliary regions (majorant regions) in which the sought filtration characterisite can be determined relatively easy and which give least upper and greatest lower bounds for the real value of the sought magnitude. The authors use this method for the following two cases; 1. for the determination of the outlet velocities of the fluid for a filtration below a two-grooved floodbed with deep-set apron at various bottom marks of the upstream and downstream water in a permeable layer of infinite depth (fig. 1) and

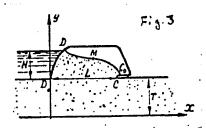
2. for the determination of the discharge through an earthwork weir with mattress type drainage on a permeable base of finite depth (fig. 3)

Card 2/4

S/041/60/012/004/004/011 C111/C222

On the Solution of Filtration Problems by the Method of Majorant Regions





χ,

If in the case 1. H is the level difference of the water level and k is the coefficient of filtration then, in a numerical example (a = 4, d = 3, t = $\frac{1}{8}$), for the outlet velocity v_{c} of the filtration the authors find the limits

 $0.1529 \text{ kH } < v|_{C} < 0.1886 \text{ kH}$;

Card 3/4

s/041/60/012/004/004/011 c111/c222

On the Solution of Filtration Problems by the Method of Majorant Regions

by a use of the mean value, that yields an error of \approx 10%. In the second case, with the same notations, in an example (T = 8H, L = 4H) the authors find

0.7428 kH < Q < 1.0652 kH

(the error is less than 17.8%). Then the authors consider the filtration without backwater from a channel of arbitrary cross section in a porous zonally heterogeneous soil (stratified). In this case the complex potentials are the p-analytic functions investigated chiefly by Polozhiy (Ref. 4); this permits to extend the method of the majorant regions also to this case (it is assumed that the coefficient of filtration k(x,y) is a continuously differentiable function the derivatives of which satisfy the Hölder conditions.)

The authors mention N.Ye. Zhukovskiy and V.T. Chernoval.

There are 7 figures and 10 Soviet references.

SUBMITTED: April 7, 1959

Card 4/4

S/021/62/000/009/001/008 ··· D234/D308

AUTHOR:

Lyashko, I.I.

TITLE:

Development of the method of summarized representations and its application in the theory of filtration

PERIODICAL:

Akademiya nauk Ukrayins'koyi RSR. Dopovidi, no. 9,

1962, 1130 - 1135

The author refers to the so-called method of summarized representations proposed by G.M. Polozhiy and considers a homogeneous rectangular lattice $x_i = x_0 + ih$, $y_k = y_0 + kh$ and a finite difference Laplace operator Δ_h . A general solution of the difference equation, $\Delta_h u = f(x, y)$, is obtained by means of n-dimensional vectors and matrices and is applied to three problems of the theory of filtration. It is stated that the method gives solutions for many problems of this king which could not be solved by any previously known analytical or numerical methods. There are 2 figures.

Card 1/2

S/021/62/000/009/001/008 D234/D308

Development of the method of ...

f ...

ASSOCIATION: Kyivs'kyy derzhavnyy universytet (Kiev State Universi-

ty)

PRESENTED: by Academician Y.Z. Shtokalo, AS UkrSSR

SUBMITTED: April 5, 1962

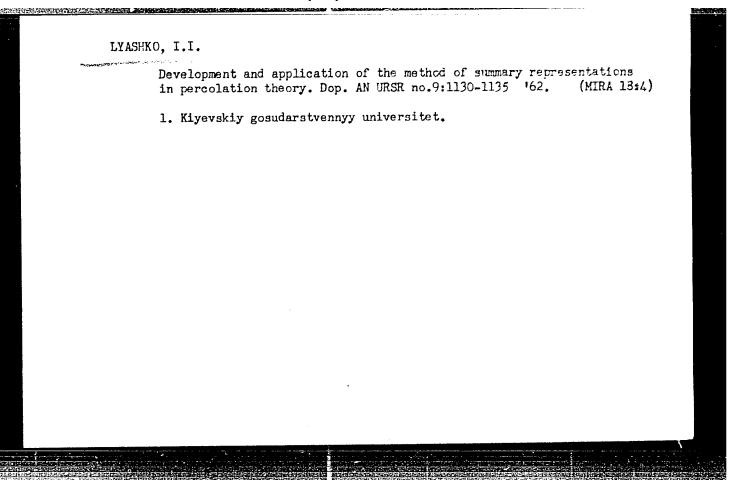
Card 2/2

EVASHKO, I.I. (Kiyev) Solution of the problem of a flow under a deepset multiplied spillway by the method of summary representations. Prykl,mekh. 9 no.2:190-200 '63. (NIRA 16:3) 1. Kiyevskiy gosudarstvennyy universitet. (Hydrodynamics)

IYASHKO, Ivan Ivanovich; ILLICHEVSKIY, S.A., red.; KHOKHANOVSKAYA,
T.I., tekim. red.

[Solution of percolation problems by the method of integrable representations] Reshenie fill tratsionnykh zadach metodom summarnykh predstavlenii. Kiev, Izd-vo Kievskogo univ.,
(MIRA 16:12)

1963. 173 p. (Soil percolation)



LYASHKO, I.I.

Hydrodynamic calculation of drained and split aprons. Dop. AN UNCA (MRA 17:9)
no.5:567-571 '63.

1. Kiyevskiy gosudarstvennyy universitet. Predstavlen akademikom
AN UkrSSR V.M.Glushkovym [Hlushkov, V.M.].

MITROPOL'SKIY, Yu.A., otv. red.; BEREZANSKIY, Yu.M., red.; BREUS, K.A., red.; ZMOROVICH, V.A., red.; LYASHKO, I.I., red.; MARCHENKO, V.A., red.; PARASYUK, O.S., red.; FOLOZHIY, G.N., red.; FIL'CHAKOV, F.F., red.; KULAKOVSKAYA, N.S., red.

[Mathematical physics] Matematicheskaia fizika. Kiev, Naukova dumka, 1965. 156 p. (MIRA 18:8)

1. Akademiya nauk URSR, Kiev.

LYASHKO, I.I. (Kiyev); MALYUGA, S.M. (Kiyev)

Using the method of total representation in hydrodynamic calculation of aprons. Prikl. mekh. 1 no.6:97-105 '65. (MIRA 18:7)

1. Kiyevskiy gosudarstvennyy universitet.

DAVYDOV, Il'ya Borisovich; KALIKIN, Nikolay Fedorovich; LYASHKO, Igor'
Nikolayevich; POSTERNYAK, Ye.F., inzh., red.; FREGER, D.P.,
red.izd-va; GVIRTS, V.L., tekhn. red.

THE REPORT OF THE PROPERTY OF

[General overhaul of a KR-450 jig-boring machine]Opyt kapital'mogo remonta koordinatno-rastochnogo stanka modeli KR-450. Leningrad, 1962. 31 p. (Leningradskii dom nauchno-tekhniceskoi
propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.28) (MIRA 16:3)
(Drilling and boring machinery--Maintenance and repair)

(MIRA 11:5)

LYASHKO, M. Thousands of slaughter sheds and houses are needed. Hias. ind. SSSR 29 no.2:39-40 158.

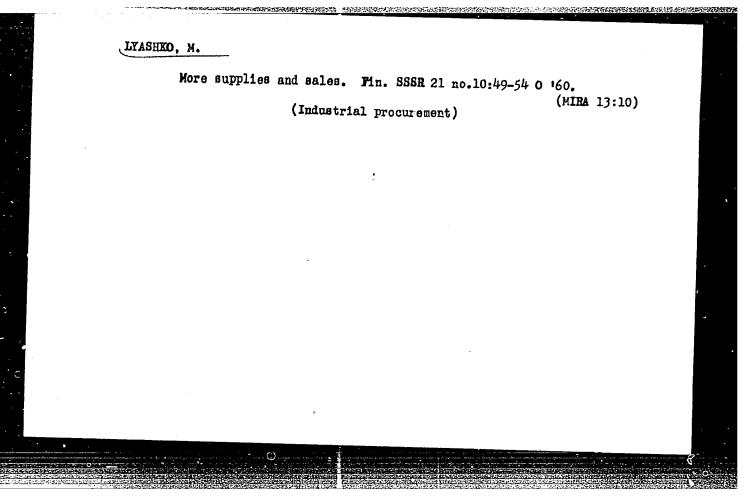
> 1. TSentral' noye statisticheskoye upravleniye pri Sovete Ministrov SSSR.

(Slaughtering and slaughterhouses)

CIA-RDP86-00513R001031110008-6" APPROVED FOR RELEASE: 08/31/2001

LYASHKO	M.					
·	Eliminating home slaughter of cattle. Mias. ind. SSSR 30 no.3:43 '59. (MIRA 12:9) (Slaughtering and slaughterhouses)					
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SHKO,	M. مشدن ب و بر بدیوسیپیشدندهست	فه - رسيمبالتحييرين			
	Utilize industry.	more fully to Vop. ekon.	nidden potentialities of no.10:128-130 0 '59. (Animal products)	livestock products i (MIRA 12:12)	. n
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			***	\$ ED C	



LYASHKO, M.

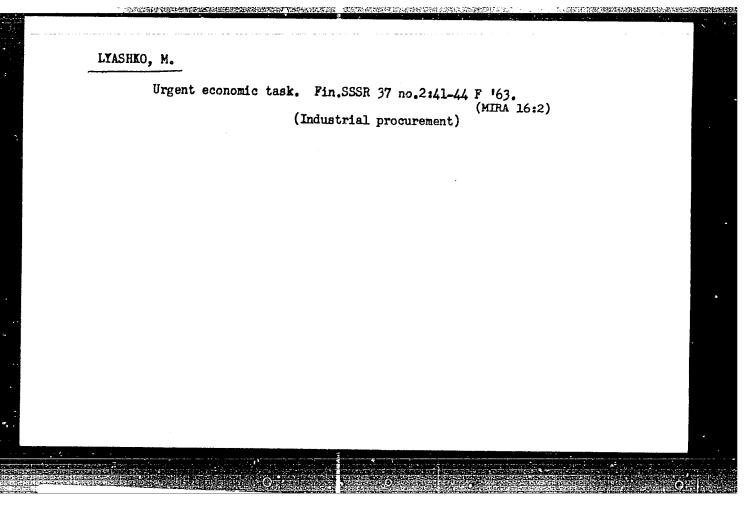
Midget or consolidated enterprises; means for developing local industries. Mest.prom.i khud.promys. 2 no.10:18-19 0 '61.

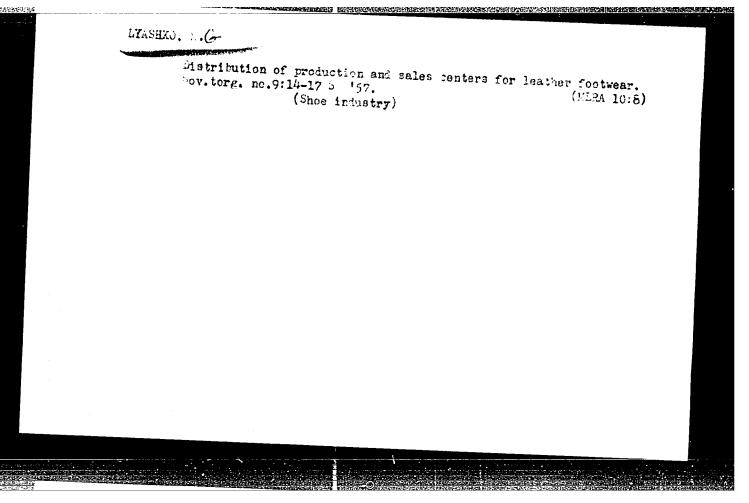
(MIRA 14:11)

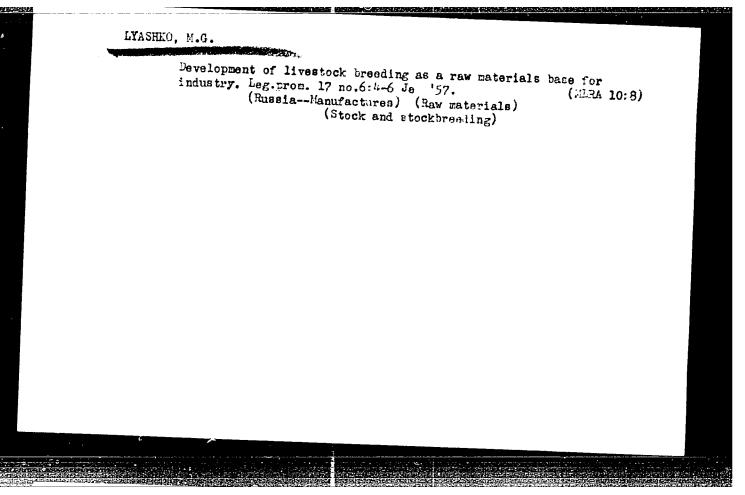
1. Starshiy ekspert Gosekonomsoveta SSSR.

(Industrial organization)

LYASHKO, M. Let's talk about assortments. Mest.prom.i khud.promys. 3 no.1:11-12 Ja '62. (MIRA 15:2) 1. Starshiy ekspert Gosekonomsoveta SSSR. (Industrial organization) (Commodity exchanges)





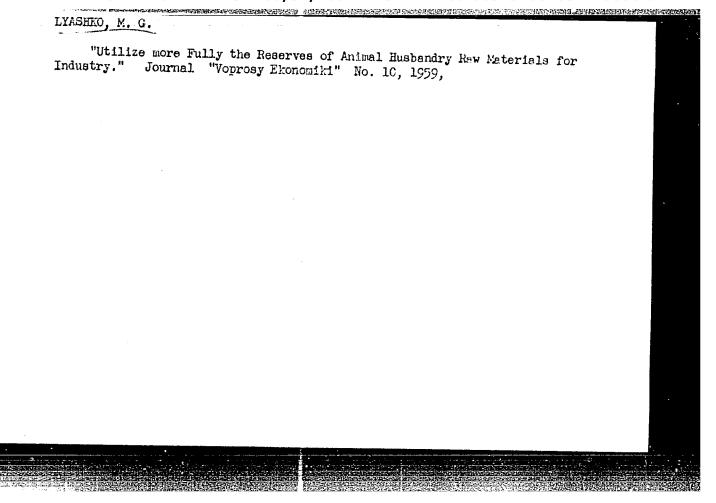


We must improve the distribution of leather footwear manufactures.

Leg.prom.17 no.9:4-6 5 '57.

(Shoe industry) (Industries, Location of)

(Shoe industry)

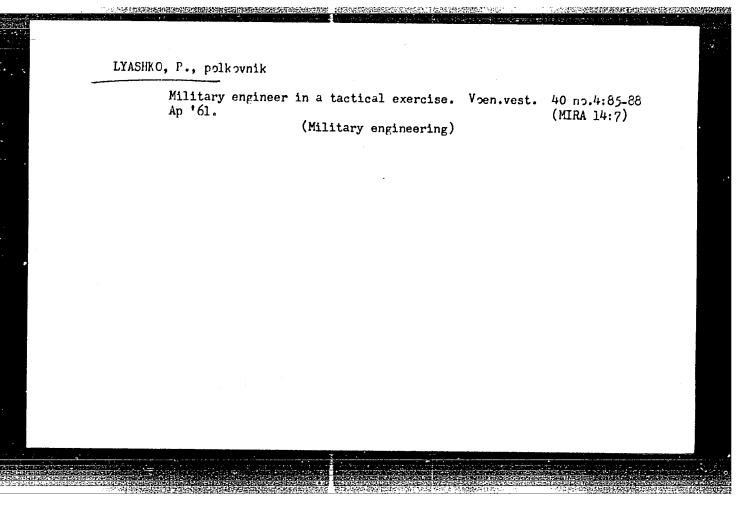


KHOREV, V.N.; BARANOVA, N.A.; GORLACH, I.A.; KVASOV, Ye.I.; KRAMARENKO, I.S.;
MIRONOV, L.V.; RIVALOV, S.S.; LYASKO, M.Y.; DUBROV, N.P.;
MIRONOV, L.V.; KOKSHAROVA, I.K.; MIKHALEV, M.S.; LAZAREV, E.M.;
KUZNETSOVA, I.R.; LAFKIN, N.I.; KRASIL'NIKOV, N.A.; GOL'DSHTEYN, M.I.;
GUTERMAN, S.G.; ODINOKOV, Yu.I.; SKRYABIN, N.P.; KORSHCHIKOV, V.D.

Research by the Ural Ferrous Metal Research Institute. Stal!

22-no:9:621,623,638-639,670 Jl '62. (MIRA 15:7)

(Metallurgical research)



LYASHKO, S.

Weapons leveled at a virus. Znan. ta pratsia no.11:8-9 N '62.

(WIRUS RESEARCH)

ACC NRAPPROVED FOR RELEASE: 08/31/2000E: QIAHRDRS6:0051238001034110008-6

INVENTOR: Ostashchenko, A. V.; Melovtsov, A. A.; Goryaystov, V. P.; Lyashko, V. V.; Fridman, L. I.; Rivlin, M. I.

ORG: None

TITLE: An open-pole synchronous machine. Class 21, No. 190462

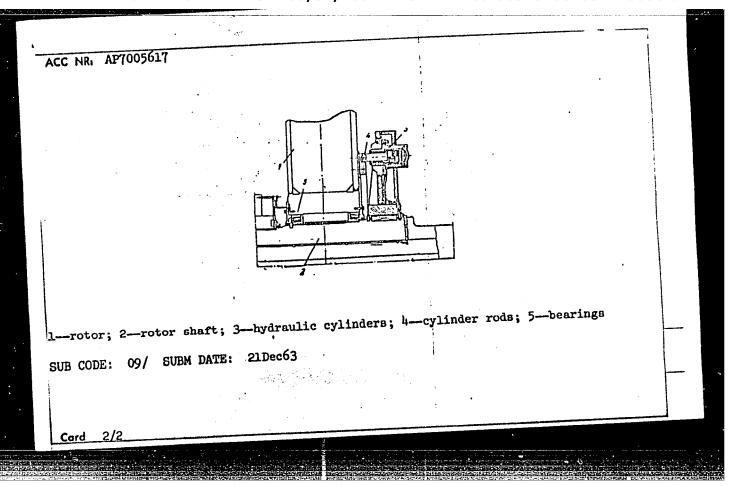
BOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 57

TOPIC TAGS: electric generator, electric protection equipment, hydraulic equipment, automatic control equipment

ABSTRACT: This Author's Certificate introduces: 1. An open-pole synchronous machine, e. g. a hydraulic generator, containing a device for anti-acceleration protection of the rotor by disengagement from the shaft of the drive unit when the permissible rotational velocity is exceeded. Design is simplified by making this device in the form of a system of hydraulic cylinders located around the circumference of the rotor shaft and rigidly connected to it. The cylinder rods are linked to the rotor under operating conditions and serve as disengaging elements. Bearings are used for coupling the rotor to the shaft. 2. A modification of this machine in which a slide valve with an electromagnetic drive is used for controlling the hydraulic cylinders. The pulse which operates this drive is fed from a speed relay.

<u>Card</u> 1/2

UDC: 621.313.322.044.3-783.5



LYASHKO, Ye.A., inzh.; PAPUSHKO, N.I., inzh.

Operations are in accordance with advanced technology. Transp. stroi. 11 number Ag '61. (MIRA 14:9)

(Kishinev--Construction industry)

LYASHKOV, A.

"Second series of competitions in wireless telegraphy among the Yaroslav short-wave amateurs of the Dosaaf."

So. Radio, Vol. 1, p. 24, 1952

LYASHKOV, A1.

"Fourth series of competitions in wireless telegraphy among short-wave amateurs of the Dosaaf."

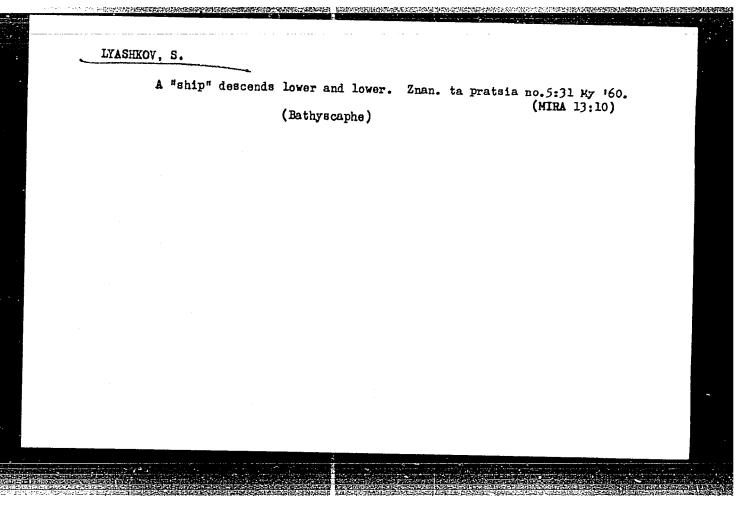
So. Radio, Vol. 4, p. 23, 1952

LYASHKOV, A.

Radio, Short Wave

Second radio-transmission contest of the Yeroslavl' short-wave operators. Radio, 29, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.



LYASHKOV, V. B.

"Investigation of Nonuniformity of Deformation During Rolling With Smooth Rollers." Cand Tech Sci, Ural Polytechnic Instimeni S. M. Kirov, Min Higher Education USSR, Sverdlovsk, 1954. (KL, No 1, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12) SO: Sum. No. 556, 24 Jun 55

TARNOVSKIY, I.Ya., prof.; LYASHKOV, V.B., inzh.

Analysis of experimental data on rolling. Obr.met.davl. no.3:
116-131 '54. (MTRA 12:10)

(Rolling (Metalwork)) (Deformations (Mechanics))

TARNOVSKIY, Iosif Yakovlevich, doktor tekhnicheskikh nauk, professor;
POZDEYEV, Aleksandr Aleksandrovich, kandidat tekhnicheskikh nauk;
LYASHKOV, Vladimir Borisovich, kandidat tekhnicheskikh nauk;
ZAYKOV, M.A., redaktor; KEL'NIK, V.P., redaktor izdatel'stva; ZEF,
Ye.M., tekhnicheskiy redaktor

[Deformation of metal in rolling] Deformatsiia metalla pri prokatke. Pod obshchei red. I.IA.Tarnovskogo. Sverdlovsk. Gos.nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otdnie, 1956. 287 p.

(Rolling (Metalwork))

VYDRIN, Vladimir Nikolayevich; BOYARSHINOV, M.I., prof., retsenzent; LYASHKOV, V.B., dotsent, red.; SKOROBOGACHEVA, A.P., red. izd-va; TURKINA, Ye.D., tekhn.red.

[Dynamics of rolling mills] Dinamika prokatnykh stanov. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 255 p. (MIRA 13:7)

(Rolling mills)

THE STREET STREET AND STREET
THE REPORT OF THE PROPERTY OF

TARNOVSKIY, Iosif Yakovlevich; POZDEYEV, Aleksandr Aleksandrovich; MEANDROV, Lev Vyacheslavovich; KHASIN, Gersh Aronovich; LYASHKOV, Y.B., red.; TSYMBALIST, N.N., red.izd-va; YEPIMAKHOVA, M.Ya., tekhn.red.

[Mechanical properties of steel under the effect of press forging] Mekhanicheskie svoistva stali pri goriachei obrabotke davleniem. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii. Sverdlovskoe otd-nie, 1960. 263 p.

(Steel) (Deformations (Mechanics))

(MIRA 13:9)

ZAYKOV, Mark Andreyevich; TARNOVSKIY, I.Ya., prof., retsenzent; POLUKHIN, P.I., prof., retsenzent; LYASHKOV, V.B., dotsent, red.; SYRCHINA, M.M., red.izd-ve; MATLYUK, R.M., tekhn.red.

[Deformations and forces in hot rolling] Rezhimy deformatsii i usiliia pri gorischei prokatke. Sverdlovsk, Gos.nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 299 p. (MIRA 14:3) (Rolling mills) (Deformations (Mechanics))

Application of dimensional analysis to the theory of rolling. Izv.
vys. ucheb. zav.; chern. met. 4 no.8:84-88 '61. (MIRA 14:9)

1. Ural'skiy politekhnicheskiy institut.
(Rolling (Metalwork)) (Dimensional analysis)

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001031110008-6

s/137/62/000/006/103/163 A052/A101

AUTHOR:

TITLE:

Determination by means of variation methods of the deformation dis-Lyashkov, V. B. tribution between layers of a bimetal cylinder at sinking

Referativnyy zhurnal, Metallurgiya, no. 6, 1962, 28, abstract 61167 ("Tr. Ural'skogo politekhn. in-ta", 1961, sb. 127, 96 - 104) PERIODICAL:

The problem of sinking a cylinder between plane-parallel plates was solved in cylindrical coordinates z, r, φ . The cylinder consists of two cylindrical coordinates z, r, φ . drical plates made of different materials (A and B), whereby $T_{sa} \angle T_{sb}$. Consequently under conditions of a strengthening medium the plate B begins to deform the drive to the strengthening the T when due to the strengthening the $T_{\rm sa}$ value reaches the $T_{\rm sb}$ value. In derivation of the variation equation the work of external friction forces on external and internal (contacting) ends was taken into account. The uniformity of deformation was assumed (the effect of the undeformable circumference of the plates was neglected); the radial shear was determined from the conditions of incompressibility, the dependence of the intensity of tangential stresses on the intensity of shear

Card 1/2

CIA-RDP86-00513R001031110008-6" **APPROVED FOR RELEASE: 08/31/2001**

s/137/62/000/006/103/163 A052/A101

Determination by means of ...

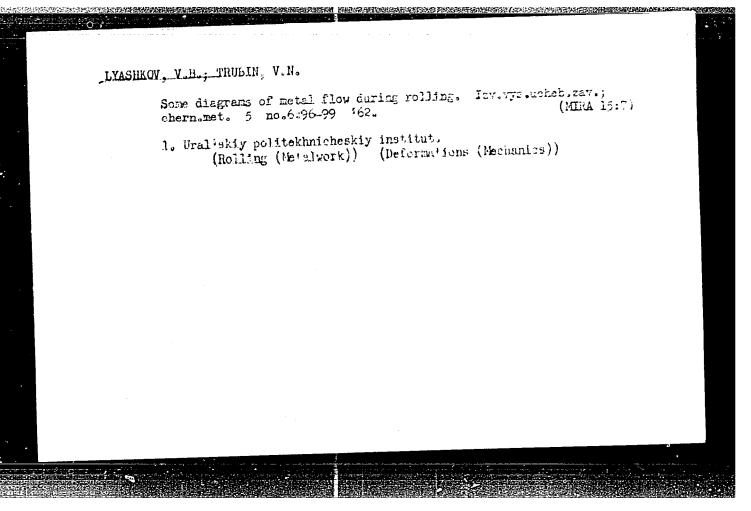
deformations was taken to be a linear one. The equation of the full deformation work consists of the work of internal forces (resistances) for the plates A and B respectively, of the work of external friction forces on two contact surfaces and on the interface between the plates. The variable parameter is ξ_a , the relative deformation of the plate A. After differentiating the equation of work $(\partial A/\partial E_a = 0)$ a solution for the deformation E_a and then for the deformation E_b was obtained. To check the derived equation a sinking test was made on a sample consisting of Cu and Al plates. A comparison of the test data with the calculation data has shown a good coincidence in the deformation range of up to 20%. For higher deformations the deviation of calculation data for a harder material aitained 23.8%. There are 9 references.

v. Osipov

[Abstracter's note: Complete translation]

Card 2/2

CIA-RDP86-00513R001031110008-6" **APPROVED FOR RELEASE: 08/31/2001**



TARNOVŠKII, Iosif Iakovlevich; PA_'MOV, Yevgeniy Vasıl'yevich;

TYAGUNOV, Vladimir Arkad'yevich; MARATEV, Sergey
Vladimirovich; KOTEL'NIKOV, Veniemin Fetrövich;
ANDRETUK, Leonid Vasil'yevich. Frinimal uchsstiye
KOTSAR', S.L.; LYASIKOV, V.B., red.; SKOEOEOGACHEVA,
A.P., red.izd-va; DOBUZHINSKAYA, L.V., tekhn. red.

[Rolling on a blooming mill] Prokatka na bliuminge. Moskva, Metallurgizdat, 1963. 388 p. (MIRA 16:10)

(Rolling (Metalwork))

Using variational methods to determine the distribution of deformations in the layers of a bimetal cylinder during the upsetting process. Trudy Ural. politekh. inst. no.127:96-104 '61.

Resistance to deformation of the ASM antifriction alloy. Tbid., 114-119 (MTRA 16:8)

ACCESSION NR: AR4018334

8/0137/64/000/001/1077/1077

SOURČE: RZh. Metallurgiya, Abs. 11484

AUTHOR: Tarnovskiy, I. Ya.; Lyashkov, V. B.; Baskashvili, V. S.; Khasin, G. A.

TITLE: Plasticity and resistance to deformation of alloyed types of steel and alloys at high temperatures

CITED SOURCE: Tr. Ural'skogo n.-i. in-ta chern. met., v. 2, 1963, 146-152

TOPIC TAGS: alloyed steels, steel alloy, high-temperature steel testing, deformation resistance

TRANSIATION: Mechanical properties were determined during the stretching of 12 types of alloyed steel (structual, tool, and stainless) at 800-1,250 degrees. The tests took place on a 5-ton-capacity hydraulic press with a constant speed of engagement movement of 0.33 meters/sec. Heating and testing of samples took place in a tubular oven with carborundum rods. The true resistance to deformation S_b of the steel of all tested types was lowered by 6-10 times as the temperature of heatfor EI435 alloy and 3kh2v8 type steel only, under these conditions, the value of S_b Card 1/2

remained at 4 kg/mm². The highest S_b at 800-1,000 degrees was characterized by alloy EI 435 and type EI478 austenitic steel. At the same time, in the above temperature range, more intensive lowering of the value of S_b takes place in alloys and austenitic steels. For these materials, a continuous increase in plastic characteristics (\$\mathcal{G}\$ and \$\mathcal{V}\$) occurs with an increase in the test temperature. Presutectoid types 12Kh2N4A and 5KhNT steels, in which the value of \$\mathcal{V}\$ changes within the range of 92-100 degrees, possess high plastic properties in the temperature range studied. With respect to 4502, 30KhGSNA, EI 476, EKh3, and 5KhNT steels, there is a steedy increase in plasticity at a temperature of about 1,000 degrees. In the remainder steels studied, a "breakdown" of plasticity is observed in the 900-1,000 degree range.

SUB CODE: MM ENCL: 00

TARNOVSKIY, I.Ya.; LYASHKOV, V.B.; GANAGO, O.A.

Review of V.G. Shal'nev's book "Expanding methods of metalworking by pressure. Kuz.-shtam. proizv. 5 no.9:47-48
S '63. (MIRA 16:11)

ARKULIS, Grigoriy Emmenuilovich; LYASHKOV, V.3., red.

[Simultaneous plastic deformation of dissimilar metals]
Sovmestnaia plasticheskaia deformateiia ruznykh metallov.

Moskva, Izd-vo "Metallurgiia," 1964. 270 p.

(MIRA 17:7)

ACCESSION NR: AP4029706

\$/0136/64/000/004/0061/0065

AUTHORS: Stukach, A.G.; Lyashkov, V.B.; Lekarenko, Ye.M. (Deceased); Pokrovskaya, G.N.; Zy*kov, Yu. S.; Cherny*kh, K.P.

TITLE: Deformation resistance During Impact Testing

SOURCE: Tsvetny*ye metally*, no. 4, 1964, 61-65

TOPIC TAGS: deformation resistance, impact test, static test, friction press hot rolling, alloy, copper, brass, zinc, bronze

ABSTRACT: The authors investigated the deformation resistance of "M-1" copper, "Tso" zinc, "N1" nickel, "L62" brass, "BrKD1", "BrOTs4", "BrKMts3-1", "BrB2" and "NMZhMts28-2,5-1,5" bronze and "NKh9" chrome specimens. Impact tests approximated the service conditions during hot rolling. 25 mm long cylindrical specimens with a 20 mm diameter were reduced by 50% at a rate of deformation of 10 m/sec. A 60-ton friction press was used in combination with an electric furnace equipped with a Silite resistor. A study of the hardening diagrams showed that the hardening curves ascend sharply at low temperatures for most of the specimens submitted to increased deformation.

ACCESSION NR: AP4029706

This shape of the curves is characteristic of high-melting and complex alloys. Low-melting resistant alloys show a peak which falls off as the degree of deformation is increased and deformation resistance declines (zinc, "BrBZ bronze alloy). For "L62" brass and copper the work hardening is eliminated above 700C owing to the high rate of recrystallization. These findings stand in good agreement with the results obtained by other authors. Bronze alloy "BrOts4-3" and "BrKDl" specimens were reduced at a rate of 0.045 m/sec in a series of static tests. This tremendous increase in the rate of deformation resulted in an increased specific pressure and, consequently, the deformation resistance of "BrOTs4-3" specimens was tripled. The same dependence was observed in "BrKDl" specimens. The results of static tests showed their unsuitability for the calculation of the industrial processes which occur at high rates of deformation. Changes in the rate of deformation by about 1.5 to 2 times do not affect the deformation resistance. Therefore, the specific pressures obtained at a 10 m/sec rate are applicable to similar rates. The orig. art. has: 3 figures.

Card 2/10 2

KHAYKIN, B. Ye.; TARNOVSKIY, I.Ya.: LYASHKOV, V.B.

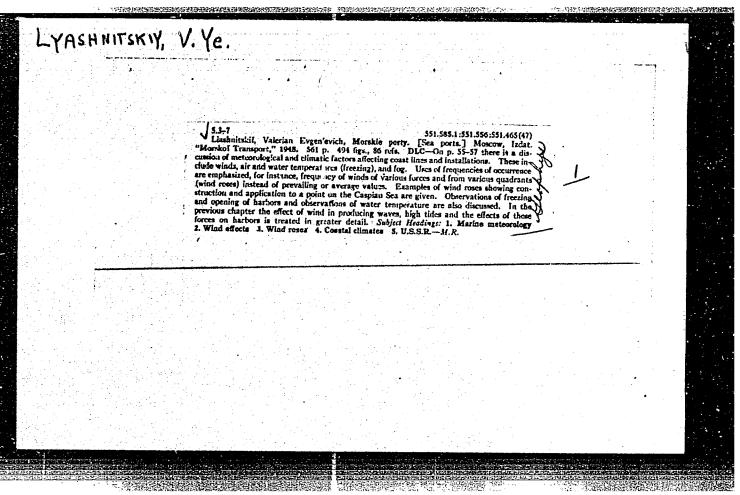
Totality of criteria characterizing the shape of the center of deformation during rolling. Izv. vya. ucheb. zav.; chern. met. 8 no.7:102-107 (MIRA 18:7)

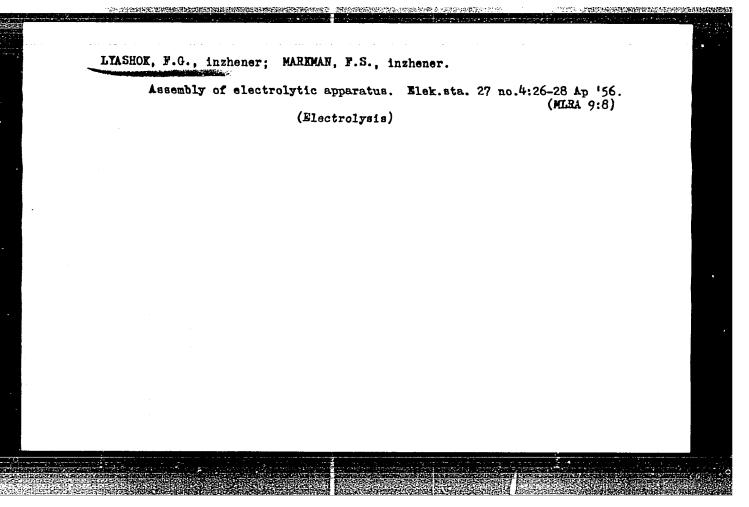
1. Uraliskiy politekhnicheskiy institut.

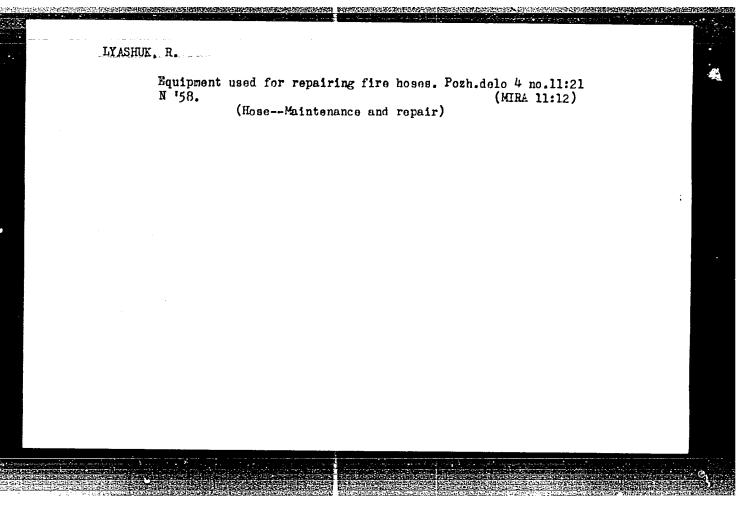
LYASHKOVA, M. N. ..

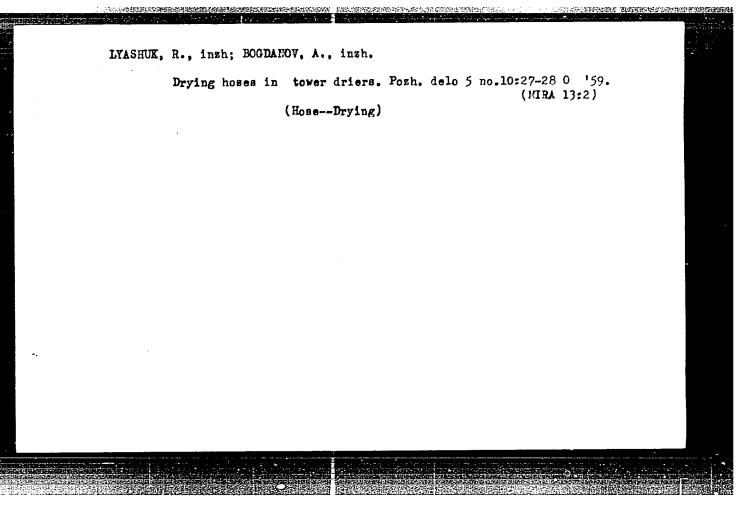
LYASHKOVA, M. N. - "A comparative evaluation of certain tissues in the creation of artificial collateral blood circulation" (Experimental-morphological inve tigation on dogs). Sverdlovsk, 1955. Sverdlovsk State Medical Inst. (Dissertation for the degree of Candidate of Medical Sciences).

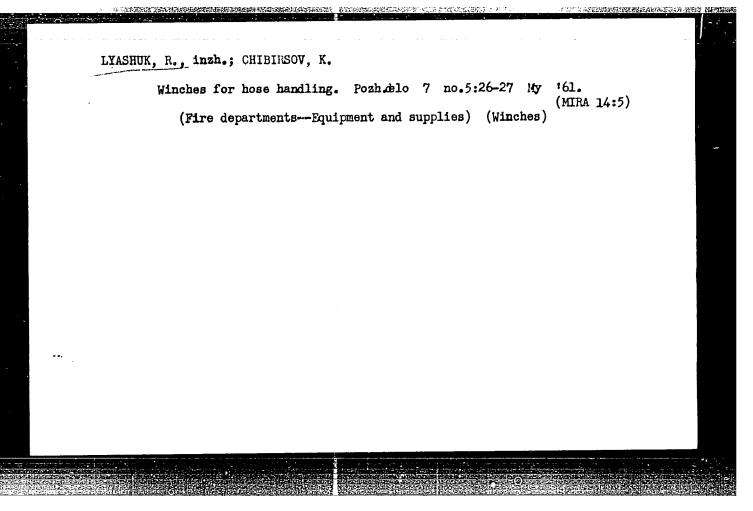
SO: Knizhnava Letopis! No. 46, 12 November 1955. Moscow

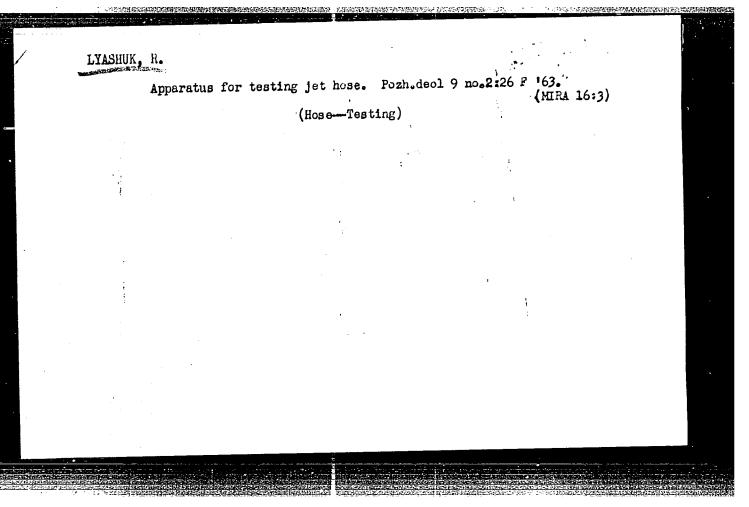


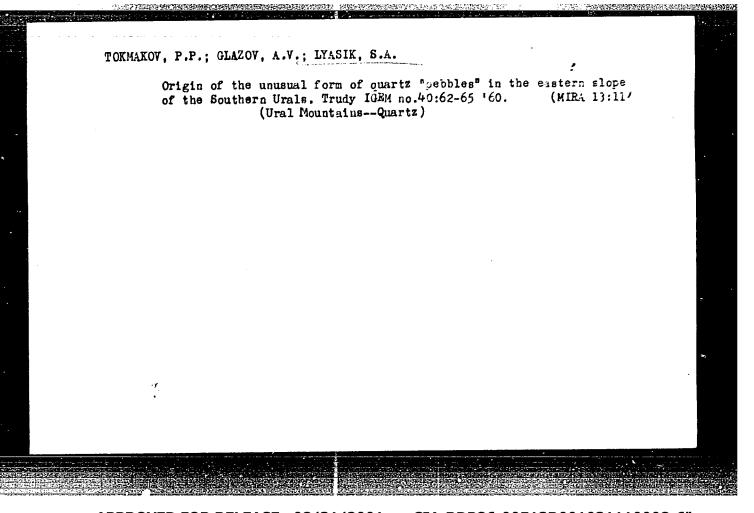










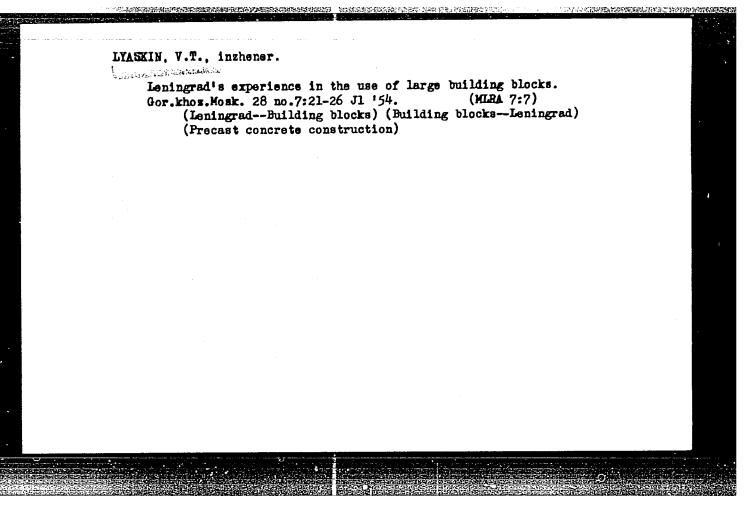


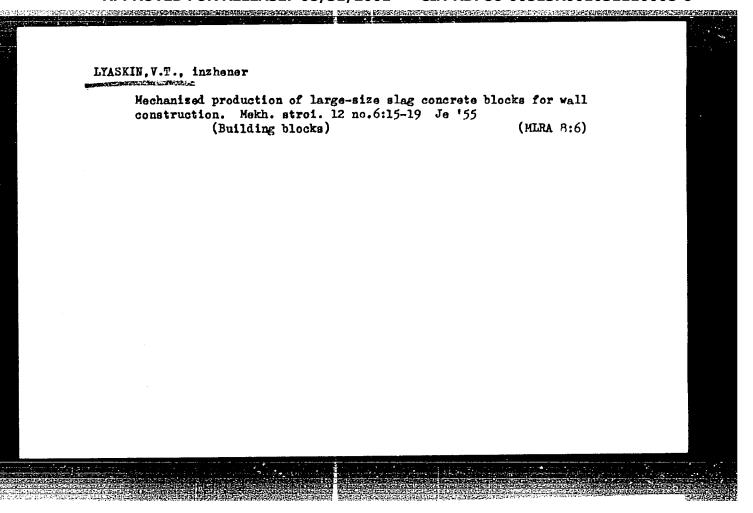
LYASKENKO, V. D., KRUGLIKOV, A. M., SHALIBEVA, A. M., GUZACHEVA, V. M., TITROVA, A. I., ZAITSEV, A. A., POKROVSKAVA, E. V., POPOVA, E. V.,

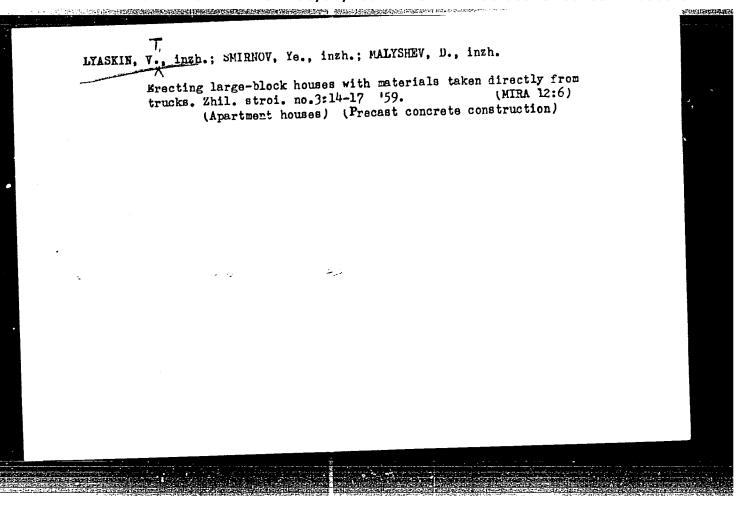
"The sources of leptospirosis infection in nature (according to the Stavropol' region materials)." p. 154

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnoochagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 25hpp.

Inst. of Vaccines and Sera and Regional Sanitary-Epidemiological Station/Stavropol'





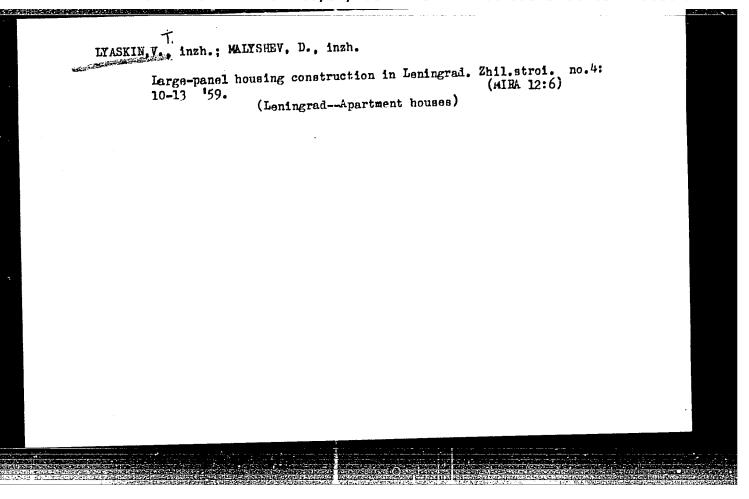


LYASKIN, V.; SMIRNOV, Ye., glavnyy tekhnolog; NALYSHEV, D., inzh,

Erecting houses with materials taken directly from trucks in
Leningrad. Stroitel' no.4:5-7 Ap '59. (KIRA 12:6)

1.Upravlyayushchiy trestom No.102 Glavleningradstroya (for Lyaskin).
2.Trest No.102 Glavleningradstroya (for Smirnov).

(Leningrad--Precast concrete construction)



SOV/100-59-5-1/14

14(2,10)
AUTHORS:

Lyaskin, V.T. and Malyshev, D.I. Engineers

TITLE:

Construction of Apartment Houses Direct From Trucks

PERIODICAL:

Mekhanizatsiya stroitel stva. 1959. Nr 5. pp 1-3 (USSR)

ABSTRACT:

The article describes the construction of a large 5-story apartment house in Leningrad having a capacity of 13,532 cum which was built from material as it arrived by truck. For this purpose special production plans and schedules were being worked out which coordinated the speed of the arrival of material with the rate of construction and the specific requirements of the builders. The construction site was specially adapted for continuous traffic, unloading and putting in place of prefabricated blocks, panels and other structural elements by means of a special M3-5-5 crane. Every operation being timed in advance, truck after truck could arrive according to time table, without having to wait in a line, or the builders having to wait for the required material. While standard blocks, panels, window elements etc. were used for building as they arrived, other units, which could not be included in the running schedule, were put in store on the site, pending their requirement. The supervision of the job as a whole was performed by the engineer-dispatcher, while a complex brigade consisting of 5 teams was in charge of actual assembly. The article concludes with a comparison between the old and new methods of construction. Block Nr 12 was

Card 1/2

Construction of Apartment Houses Direct From Trucks

Sov/100-59-5-1/14

started on the 2 Oct and completed on the 26 Nov representing 336 men days as 32%. Labor efficiency by the new method, which constitutes a gain of block Nr 12 was an experiment, which had proved sufficiently successful to be of constructing houses of mountain the construction in Leningrad. The method improvement of house-construction, reducing cost of same at the same time.

Fard 2/2

Lyaskin, V.; Malyshev, D., inzh.

Constructing large-block apartment houses. Stroitel' no.4:5-7 Ap
'60. (MIRA 13:6)

1. Upravlyayushchiy trestom No.102 (for Lyaskin).

(Leningrad--Apartment houses)

I. 08659-67 EST(m) WE					
ACC NR: AP6015121	(A) so	URCE CODE:	UR/0064/66/00	00/005/0018/0020	
AUTHOR: Dzhagatspanyan, R. Yakimenko, L. M.; Glebova,	V.; Lyankin, Yu L. I.; Zotkin, V.	. G.; Fili I.	ppoy, M. T.;	Sinitain, V. I.;	
ORG: none		•••		58	
TITLE: Radiation chlorinati	on of kerosone	,			
SOURCE: Khimicheskaya prom	yshlennost; no.	5, 1966, 18	-20		
TOPIC TAGS: kerosene, gumma radiation, chlorination, photochemistry					
ABSTRACT: Groznyy kerosene, from which the aromatic and unsaturated compounds were eliminated by extraction with liquid SO ₂ was used during chlorination initiated by gradiation of Co ⁰⁰ made in the apparatus described by the authors previously (Knim.					
177. Chlorine was passed at stat with a controlled give	ter purification to the rate of 0.469 m temperature. The	the kerosend g/min in to	had a molecu the reactor se	lar weight of t into a thermo-	
15 minutes. The chlorination products were purified from Cl, and HCl by passing a flow of nitrogen. The densities and refractive indexes were measured and the degree of chlorination was determined from the graphs, plotted experimentally, showing the de-					
pendence of density d28 an on their chlorine content.	d the refractory i	ndoxes n≲∪	of the chlori	noted products	
Card 1/2	·		634 -4 : 66.094		
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L 08659-67 ACC NR: AP6015121 plotted at various temperatures of chlorination (T = 20, 40, and 600) and at various doses of radiation (P = 26.1, 7.3, 1.8, and 0.81 rad/sec). The dependence of the radiation-chemical efficiency coefficient G (number of atoms bound with carbon per 100 equivalent)on the radiation dose P was plotted from kinetic curves. The expression $\left(\frac{1600}{7} + 5.76 \cdot 10^{-2} \text{[%CI]}\right)_{P=0.47}$ well describes the results obtained. (Disagreement of experimental and calculated values averaged + 10.8%.) This equation can be used for designing a reactor for a temperature range of 0-1000, a radiation dose of 1-50 rad/sec, and a chlorine content of 5-60%. The apparent energy of activation was determined as 3200 cal/mole. The results of radiation chlorination were compared with those of photochemical chlorination and chlorination initiated by azo-bis-isobutyronitryl. It was shown that the same degree of chlorination was achieved more rapidly during radiation chlorination. At T = 200 and P = 26 rad/sec, the product containing Cl>60% was obtained in 90 minutes during radiation chlorination. It took 23 and 21 hours to obtain the same product by photochemical chlorination and chlorination initiated by azo-bis-isobutyronitryl, respectively. Radiation chlorination also has other advantages: it depends little on temperature and is controlled by the radiation dose (easily controllable rate of chlorination), the rate of the radiation process does not depend on the color of the reacting mixture, and there is a much smaller danger of resinification because of an absence of local overheating. Orig. art. has: 3 fig., 4 formulas, and 1 table. SUB CODE: 07/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001 Card 2/2 /11/